

NIOSH Science Awards 2018

James P. Keogh Award

Alice Hamilton Award

Bullard-Sherwood r2p Award

Director's Intramural Award

Plain Language Award

April 26, 2018 | Pittsburgh, PA

2018 James P. Keogh Award



Recognizing a current or former NIOSH employee for exceptional service in occupational safety and health

Presented to
Peter 'Pete' Kovalchik



2018 Alice Hamilton Award



For excellence in occupational safety and health

Award Categories

- Education and Guidance
- Engineering and Controls
- Epidemiology and Surveillance
- Exposure and Risk Assessment
- Methods and Laboratory Science

Education and Guidance

James Green, Sydney Webb
Jennifer Marshall, Stephen Spata

Improving EMS worker safety through ambulance design and testing.

[2017]. DHHS (NIOSH) Publication 2017-143(1-7).

Morgantown

Education and Guidance Honorable Mention

Gordon Gillespie, Paula Grubb, Kathryn Brown,
Maura Boesch, Deborah Ulrich

"Nurses eat their young": a novel bullying
educational program for student nurses.

[2017]. J Nurs Educ Pract 7(7):11–21.

Cincinnati: Taft

Engineering and Controls

William Lindsley, Tia McClelland, Dylan Neu,
Stephen Martin Jr., Kenneth Mead,
Robert Thewlis, John Noti

Ambulance disinfection using ultraviolet germicidal irradiation (UVGI): effects of fixture location and surface reflectivity.

[2017]. J Occup Environ Hyg: Epub ahead of print, 2017 October

Morgantown, Cincinnati: Hamilton

Engineering and Controls Honorable Mention

Christopher Pan, Sharon Chiou, Tsui-Ying Kau,
Bryan Wimer, Xiaopeng Ning, Paul Keane

Evaluation of postural sway and impact forces during
ingress and egress of scissor lifts at elevations.

[2017]. Appl Ergon 65:152–162

Morgantown

Epidemiology and Surveillance

Patrick Yorio, Susan Moore

Examining factors that influence the existence of Heinrich's Safety Triangle using site-specific H&S data from more than 25,000 establishments.

[2017]. Risk Analysis: Epub ahead of print, 2017 August

Pittsburgh

Epidemiology and Surveillance Honorable Mention

Kara Perritt, Kitty Hendricks, Michael Goldcamp

Young worker injury deaths: a historical summary of surveillance and investigative findings.

[2017]. DHHS (NIOSH) Publication No. 2017-168

Spokane, Morgantown

Exposure and Risk Assessment

Kenneth Fent, Barbara Alexander, Jennifer Roberts, Shirley Robertson, Christine Toennis, Deborah Sammons, Stephen Bertke, Steve Kerber, Denise Smith, Gavin Horn

Contamination of firefighter personal protective equipment and skin and the effectiveness of decontamination procedures.

J Occup Environ Hyg 14(10):801–814

Cincinnati: Hamilton, Cincinnati: Taft

Exposure and Risk Assessment Honorable Mention

Patrick Dempsey, Jonisha Pollard, William Porter,
Alan Mayton, John Heberger, Sean Gallagher,
Leanna Reardon, Colin Drury

Development of ergonomics audits for bagging,
haul truck and maintenance and repair operations
in mining.

[2017]. *Ergonomics* 60(12):1739–1753

Pittsburgh

Methods and Laboratory Science

Lindsey Bishop, Lorenzo Cena, Marlene Orandle, Naveena Yanamala, Matthew Dahm, Eileen Birch, Douglas Evans, Vamsi Kodali, Tracy Eye, Lori Battelli, Patti Zeidler-Erdely, Gary Casuccio, Kristin Bunker, Jason Lupoi, Traci Lersch, Aleksandr Stefaniak, Tina Sager, Aliakbar Afshari, Diane Schwegler-Berry, Sherri Friend, Jonathan Kang, Katelyn Siegrist, Constance Mitchell, David Lowry, Michael Kashon, Robert Mercer, Charles Geraci, Mary Schubauer-Berigan, Linda Sargent, Aaron Erdely

In vivo toxicity assessment of occupational components of the carbon nanotube life cycle to provide context to potential health effects.

[2017]. ACS Nano 11(9):8849–8863

Morgantown, Cincinnati: Hamilton, Cincinnati: Taft

Methods and Laboratory Science Honorable Mention

Naveena Yanamala, Elena Kisin, Dmitriy Gutkin,
Michael Shurin, Martin Harper, Anna Shvedova

Characterization of pulmonary responses in mice
to asbestos/asbestiform fibers using gene
expression profiles.

[2017]. J Toxicol Environ Health, A: Epub ahead of print, 2017 December

Morgantown

2018 Bullard-Sherwood r2p Award

For outstanding application of occupational safety and health research

Award Categories

- Knowledge
- Intervention
- Technology



Recognizing excellence in translating research into practice

Knowledge

Jacob Carr, Joseph DuCarme, Jingcheng Li,
James Noll, Chenming Zhou,
Justin Srednicki, Cory DeGennaro

Design of Proximity Systems for Underground Mobile Equipment.

Pittsburgh

Intervention

David S. Yantek, Justin Srednicki, Lincan Yan, Tim Lutz,
Miguel Reyes, Joseph Bickson, Nick Damiano,
Jeff Yonkey, Bruce Whisner, Pat McElhinney

The Advancement of Refuge Alternatives for
Underground Coal Mines.

Pittsburgh

Intervention Honorable Mention

Susan E. Burt, Alysha R. Meyers, David Rempel,
Barbara A. Silverstein, Carisa Harris-Adamson, Stephen Bao,
Ann Marie Dale, Ellen A. Eisen, Bradley Evanoff, Joyce Fan,
Arun Garg, Fred Gerr, Kurt T. Hegmann, Jay Kapellusch,
Linda Merlino, Matthew S. Thiese, Upper Limb Musculoskeletal
Disorder Consortium and key contributors

Revised Hand Activity Level Threshold Limit Value and Action Limits Driven
by Results from Pooled Carpal Tunnel Syndrome Cohort Studies.

Cincinnati: Hamilton

Technology

Garrett Burnett, Brenda Jacklitsch, Gino Fazio,
Kelly Schnapp, Joe Cauley, Tom Ebert, Roger Pingleton,
Bill Scholtes, Michael Pulsifer, Giridhar Bandi,
Sue-li Yao, Stephanie Stevens, Ted Teske,
Joanna Watson, Vanessa Williams,
Nicole Romero, Deborah Hornback

OSHA-NIOSH Heat Safety Tool App.

Cincinnati: Taft; Washington, DC; Spokane

Technology Honorable Mention

Chucris (Chuck) A. Kardous, Metod Celestina, Trudi McCleery

NIOSH Sound Level Meter App.

Cincinnati: Taft

2018 Plain Language Award

The NIOSH Plain Language Award, established in 2017, recognizes NIOSH communication products that demonstrate excellence in applying plain language principles on these types of communication products.

Award Categories

- Original
- Before and After

Original

Tristan Victoroff, Kristin Yeoman, Brittney Bragg

Heat Stress: Hydration Fact Sheet.

Spokane, Pittsburgh

Original Honorable Mention

Audrey Reichard, Suzanne Marsh, Rebecca Olsavsky

Emergency Medical Services Workers: How Employers
Can Prevent Injuries and Exposures Fact Sheet.

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Before and After

Chris Ellison, Randall Grizzle, Melissa Van Orman,
Ian Spring, Emily Hurwitz, Levi Robinson, Alyssa Llamas

World Trade Center Health Program Website Redesign.

Cincinnati: Taft; Washington, DC

Before and After Honorable Mention

Sydney Webb, Nancy Romano

Fatality Assessment and Control Evaluation (FACE)
Program Fact Sheet.

Morgantown

2018 Director's Intramural Award for Extraordinary Science

Recognizes outstanding contributions by intramural scientists and support staff to science excellence at NIOSH

Award Categories

- Distinguished Career Scientist
- Early Career Scientist
- Scientific Support

Distinguished Career Scientist

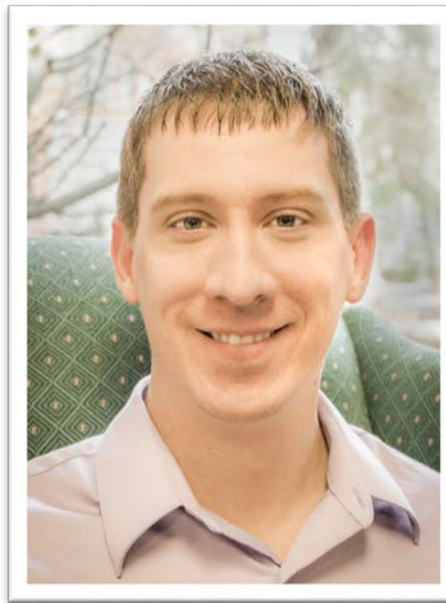
Anna Shvedova



Morgantown

Early Career Scientist

Matthew Wheeler



Cincinnati: Taft

Scientific Support

Glenn Doyle



Cincinnati: Taft

Congratulations to all of our winners!